

25. (Currently Amended) A method for writing data to a plurality of adjacent tracks on a data storage surface of a data storage device, comprising:

writing data to a first track of the adjacent tracks with a write member;

moving the write member in a first radial direction to a second track adjacent to the first track;

writing data to the second track such that the data written to the first track is encroached only on one side by the data written to the second track; and

defining a guard band adjacent each of the first and last tracks of the plurality of adjacent tracks, the guard band having a width at least substantially the width of the write width or greater.

26. (Previously Added) The method of claim 25 further comprising writing data to a last track of the adjacent tracks, wherein one or more intermediate tracks are interposed between the second track and the last track, the write member moving only in the first radial direction in traversing the plurality of tracks such that all data written to a track is encroached only on one side by data subsequently written to the respective adjacent track.

27. (Previously Added) The method of claim 25 wherein the write member defines an operable write width and the data storage device comprises a read member defining an operable read width, and wherein the moving step comprises moving the write member a distance substantially equivalent to the read width between adjacent tracks.

28. (Previously Added) The method of claim 25 further comprising writing a sequential data record to a selected number of the plurality of adjacent tracks while moving the write member in the first radial direction between writing to adjacent tracks.

29. (Canceled)

30. (Canceled)

31. (Currently Amended) A data storage device, comprising:
a rotating disc assembly comprising a disc surface;
a read transducer in operable transducing relationship to the disc surface defining a read width;
a write transducer in operable transducing relationship to the disc surface defining a write width; and
a plurality of adjacent tracks on the disc surface disposed at a track-to-track spacing substantially equivalent to the read width; and
defining a guard band adjacent each of the first and last tracks of the plurality of adjacent tracks, the guard band having a width at least substantially the width of the write width or greater.

32. (Previously Added) The data storage device of claim 31 further comprising data :
written to a first track of the adjacent tracks, and data written to a second track adjacent to the first track, wherein the write transducer is moved in a first radial direction between the first and second tracks such that the data written to the first track is encroached only on one side by the data written to the second track.

33. (Previously Added) The data storage device of claim 32 further comprising data
written to a last track of the adjacent tracks, wherein one or more intermediate tracks are interposed between the second track and the last track, the write member moving only in the first radial direction in traversing the plurality of tracks such that all data written to each track is encroached only on one side by data subsequently written to the respective adjacent track.

34. (Previously Added) The data storage device of claim 31 wherein the write member is moved a distance substantially equivalent to the read width between adjacent tracks.

35. (Previously Added) The data storage device of claim 31 further comprising a sequential data record stored to a selected number of the plurality of adjacent tracks while moving the write member in the first radial direction between writing to adjacent tracks.

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Canceled)

40. (Canceled)

41. (Canceled)